

**BOX PATENT APPLICATION**Assistant Commissioner for Patents  
Washington, D.C. 20231**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of:

Inventor(s): Thompson et al.

For (title): Rapid Classification of Biological Components

**Enclosed are:**

- ☒ 4 sheets of drawing(s). ☐ informal ☒ formal
- ☒ An assignment of the invention to Bechtel BWXT Idaho, LLC
- ☐ A certified copy of a \_\_\_\_\_ application.
- ☐ An associate power of attorney.
- ☒ Declaration for Utility or Design Patent Application and Power of Attorney.
- ☒ Information Disclosure Statement.
- ☒ Form PTO-1449 (together with citations).

**Fee Calculation (37 CFR 1.16)****CLAIMS AS FILED**

NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$740.00
Total Claims (37 CFR 1.16(c)) 60 -20=	40	X \$18.00	720
Independent Claims (37 CFR 1.16(b)) 2 -3=	0	X \$84.00	0
Multiple dependent claim(s), if any (37 CFR 1.16(d))		\$280.00	= 0
			TOTAL \$1460.00

- ☒ Please charge Deposit Account No. 05-0565 in the amount of \$1460.00.  
A duplicate copy of this sheet is attached.
- ☐ A check in the amount of \$\_\_\_\_\_ to cover the filing fee is enclosed.
- ☐ A check for \$\_\_\_\_\_ is enclosed to cover the assignment recordation fee.
- ☒ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 05-0565 :
- ☒ Any additional filing fees required under 37 CFR 1.16(a), (f) or (g) (filing fees).
- ☒ Any additional filing fees required under 37 CFR 1.16(b), (c) and (d) presentation of extra claims.)
- ☐ Any additional filing fees required under 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application).
- ☐ Any patent application processing fees under 37 CFR 1.17.
- ☐ The issue fee set in 37 CFR 1.18 (at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)).

**SIGNATURE OF ATTORNEY**Stephen R. Christian  
Reg. No. 32,687

CERTIFICATE OF MAILING BY EXPRESS MAIL

EXPRESS MAIL LABEL NO.: EK178625174US

Date of deposit: December 14, 2001

I hereby certify that the enclosed US Patent Application for RAPID CLASSIFICATION OF BIOLOGICAL COMPONENTS is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 C.F.R. Section 1.10 on the date indicated above in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, BOX PATENT APPLICATION.

Respectfully submitted this 14th Day of December, 2001.

Respectfully Submitted,

  
Mandy Landon

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Idaho National Engineering and Environmental Laboratory

December 14, 2001

CCN 28282

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

LIT-PI-372, "RAPID CLASSIFICATION OF BIOLOGICAL COMPONENTS"

Dear Sir:

Enclosed is the subject patent application, 4 sheets of drawings, an Information Disclosure Statement, together with Form 1449 and attachments; a fee sheet, in duplicate; executed Declaration; Patent Assignment, together with Recordation Form Cover Sheet; and a return receipt postcard.

Sincerely,

*Mandy Landon*

Mandy Landon  
Executive Assistant  
Legal Services

ML

Enclosures

cc: Karen B. Barrett, Meridian, ID  
R. J. Fisher, DOE-CH (w/o Encl)  
Diane E. Key, Idaho Falls, ID  
Vicki S. Thompson, Idaho Falls, ID